CLXXIII OPPOSITIONS BETWEEN MARS AND PLUTO IN BCE

ALMANAC

The almanac CLXXIII contains a list of oppositions between Mars and Pluto in the 1st millennium BCE.

1ST MILLENNIUM BCE

This is a list of oppositions between Mars and Pluto in the 1st

millennium BCE.

ARC

MARS

PLUTO

DATE

| NOV 09, -599 | 05:51 AM | 180 | 17LI54 | 17AR54R | | OCT 24, -597 | 06:27 AM | 180 | 20LI08 | 20AR08R | | OCT 07, -595 | 09:08 AM | 180 | 22LI23 | 22AR23R | | SEP 20, -593 | 08:24 PM | 180 | 24LI37 | 24AR37R | | SEP 01, -591 | 02:44 PM | 180 | 26LI47 | 26AR47R | | AUG 09, -589 | 05:32 AM | 180 | 28LI50 | 28AR50R | | JAN 22, -587 | 06:35 PM | 180 | 27LI49 | 27AR49 | | DEC 26, -586 | 08:12 PM | 180 | 29LI51 | 29AR51R | | DEC 06, -584 | 07:48 PM | 180 | 02SC02 | 02TA02R | | NOV 20, -582 | 00:13 AM | 180 | 04SC18 | 04TA18R | | NOV 02, -580 | 08:59 PM | 180 | 06SC37 | 06TA37R | | OCT 17, -578 | 03:27 PM | 180 | 08SC55 | 08TA55R | | SEP 29, -576 | 12:27 PM | 180 | 11SC13 | 11TA13R | | SEP 09, -574 | 10:30 PM | 180 | 13SC28 | 13TA28R | | AUG 10, -572 | 05:15 PM | 180 | 15SC32 | 15TA32 | | JAN 29, -570 | 05:17 AM | 180 | 14SC33 | 14TA33R | | JAN 05, -568 | 08:59 PM | 180 | 16SC46 | 16TA46R | | DEC 17, -567 | 03:54 PM | 180 | 19SC07 | 19TA07R | | DEC 01, -565 | 02:05 AM | 180 | 21SC33 | 21TA33R | | NOV 13, -563 | 10:22 PM | 180 | 24SC03 | 24TA03R | | OCT 28, -561 | 11:23 AM | 180 | 26SC34 | 26TA34R | | OCT 09, -559 | 06:07 PM | 180 | 29SC04 | 29TA04R | | SEP 18, -557 | 05:16 AM | 180 | 01SA29 | 01GE29R | | MAR 18, -555 | 03:05 AM | 180 | 00SA39 | 00GE39 | | JUN 22, -555 | 05:26 PM | 180 | 02SA40R | 02GE40 | | JUL 26, -555 | 04:36 AM | 180 | 03SA21 | 03GE21 |

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| FEB 07, -553 | 12:58 PM | 180 | 02SA48 | 02GE48R |
| JAN 16, -551 | 03:38 PM | 180 | 05SA19 | 05GE19R |
| DEC 30, -550 | 06:03 AM | 180 | 08SA00 | 08GE00R |
| DEC 13, -548 | 01:15 AM | 180 | 10SA47 | 10GE47R |
| NOV 27, -546 | 01:03 AM | 180 | 13SA38 | 13GE38R |
| NOV 09, -544 | 11:15 AM | 180 | 16SA31 | 16GE31R |
| OCT 22, -542 | 01:57 AM | 180 | 19SA22 | 19GE22R |
| SEP 26, -540 | 09:38 AM | 180 | 22SA08 | 22GE08 |
| MAR 20, -538 | 10:46 PM | 180 | 21SA14 | 21GE14 |
| FEB 21, -536 | 01:42 AM | 180 | 24SA01 | 24GE01R |
| FEB 01, -534 | 03:27 AM | 180 | 27SA06 | 27GE06R |
| JAN 15, -532 | 04:11 PM | 180 | 00CP21 | 00CA21R |
| DEC 30, -531 | 01:56 AM | 180 | 03CP44 | 03CA44R |
| DEC 14, -529 | 01:40 PM | 180 | 07CP12 | 07CA12R |
| NOV 27, -527 | 06:48 AM | 180 | 10CP45 | 10CA45R |
| NOV 08, -525 | 11:46 AM | 180 | 14CP18 | 14CA18R |
| OCT 08, -523 | 09:24 PM | 180 | 17CP40 | 17CA40 |
| APR 05, -521 | 09:31 AM | 180 | 17CP00 | 17CA00 |
| MAR 12, -519 | 02:47 PM | 180 | 20CP40 | 20CA40R |
| FEB 23, -517 | 02:27 PM | 180 | 24CP38 | 24CA38R |
| FEB 07, -515 | 12:11 PM | 180 | 28CP50 | 28CA50R |
| JAN 24, -513 | 03:24 AM | 180 | 03AQ12 | 03LE12R |
| JAN 08, -511 | 08:14 PM | 180 | 07AQ43 | 07LE43R |
| DEC 24, -510 | 04:29 PM | 180 | 12AQ19 | 12LE19R |
| DEC 05, -508 | 12:18 PM | 180 | 16AQ56 | 16LE56R |
| JUN 30, -506 | 05:11 PM | 180 | 17AQ20 | 17LE20 |
| JUL 16, -506 | 12:35 PM | 180 | 17AQ48R | 17LE48 |
| NOV 01, -506 | 08:45 PM | 180 | 21AQ12 | 21LE12 |
| MAY 02, -504 | 03:50 PM | 180 | 20AQ59 | 20LE59R |
| APR 13, -502 | 12:26 PM | 180 | 25AQ51 | 25LE51R |
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| MAR 28, -500 | 04:59 PM | 180 | 01PI00 | 01VI00R |
| MAR 15, -498 | 01:33 PM | 180 | 06PI22 | 06VI22R |
| MAR 02, -496 | 03:02 AM | 180 | 11PI53 | 11VI53R |
| FEB 17, -494 | 05:40 PM | 180 | 17PI27 | 17VI27R |
| FEB 04, -492 | 02:14 PM | 180 | 23PI01 | 23VI01R |
| JAN 18, -490 | 08:56 PM | 180 | 28PI30 | 28VI30R |
| JUL 29, -489 | 04:12 PM | 180 | 28PI54 | 28VI54 |
| SEP 01, -489 | 01:50 AM | 180 | 29PI56R | 29VI56 |
| DEC 23, -489 | 10:28 AM | 180 | 03AR40 | 03LI40 |
| JUN 14, -487 | 10:20 AM | 180 | 03AR35 | 03LI35R |
| MAY 28, -485 | 07:23 AM | 180 | 09AR03 | 09LI03R |
| MAY 13, -483 | 10:56 PM | 180 | 14AR37 | 14LI37R |
| MAY 02, -481 | 01:28 AM | 180 | 20AR13 | 20LI13R |
| APR 19, -479 | 06:23 PM | 180 | 25AR45 | 25LI45R |
| APR 08, -477 | 11:18 AM | 180 | 01TA12 | 01SC12R |
| MAR 26, -475 | 12:42 PM | 180 | 06TA29 | 06SC29R |
| MAR 12, -473 | 07:33 PM | 180 | 11TA36 | 11SC36R |
| FEB 20, -471 | 08:28 PM | 180 | 16TA25 | 16SC25 |
| AUG 02, -470 | 05:47 AM | 180 | 16TA01 | 16SC01R |
| JUL 13, -468 | 07:21 PM | 180 | 20TA41 | 20SC41R |
| JUN 29, -466 | 08:40 PM | 180 | 25TA23 | 25SC23R |
| JUN 16, -464 | 11:22 AM | 180 | 00GE02 | 00SA02R |
| JUN 04, -462 | 04:57 PM | 180 | 04GE36 | 04SA36R |
| MAY 22, -460 | 11:37 PM | 180 | 09GE02 | 09SA02R |
| MAY 10, -458 | 05:37 PM | 180 | 13GE20 | 13SA20R |
| APR 26, -456 | 03:15 AM | 180 | 17GE27 | 17SA27R |
| APR 09, -454 | 05:22 AM | 180 | 21GE20 | 21SA20R |
| SEP 14, -453 | 09:50 PM | 180 | 20GE41 | 20SA41 |
| JAN 07, -452 | 11:42 PM | 180 | 23GE26R | 23SA26 |
| MAR 07, -452 | 09:01 PM | 180 | 24GE49 | 24SA49 |
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| AUG 22, -451 | 06:01 PM | 180 | 24GE20 | 24SA20R |
| AUG 07, -449 | 06:09 AM | 180 | 28GE04 | 28SA04R |
| JUL 23, -447 | 06:30 PM | 180 | 01CA47 | 01CP47R |
| JUL 11, -445 | 00:59 AM | 180 | 05CA27 | 05CP27R |
| JUN 27, -443 | 09:49 AM | 180 | 09CA01 | 09CP01R |
| JUN 14, -441 | 08:14 AM | 180 | 12CA29 | 12CP29R |
| MAY 30, -439 | 03:06 AM | 180 | 15CA49 | 15CP49R |
| MAY 13, -437 | 06:17 AM | 180 | 19CA01 | 19CP01R |
| OCT 19, -436 | 11:19 AM | 180 | 18CA16 | 18CP16 |
| JAN 12, -435 | 09:08 PM | 180 | 20CA02R | 20CP02 |
| APR 16, -435 | 03:45 AM | 180 | 21CA58 | 21CP58 |
| SEP 22, -434 | 10:49 PM | 180 | 21CA12 | 21CP12R |
| SEP 04, -432 | 10:44 PM | 180 | 24CA16 | 24CP16R |
| AUG 21, -430 | 09:59 AM | 180 | 27CA21 | 27CP21R |
| AUG 06, -428 | 06:36 PM | 180 | 00LE24 | 00AQ24R |
| JUL 24, -426 | 07:27 AM | 180 | 03LE25 | 03AQ25R |
| JUL 09, -424 | 11:15 AM | 180 | 06LE22 | 06AQ22R |
| JUN 24, -422 | 01:05 PM | 180 | 09LE14 | 09AQ14R |
| JUN 06, -420 | 01:21 AM | 180 | 11LE58 | 11AQ58R |
| NOV 15, -419 | 01:13 PM | 180 | 11LE09 | 11AQ09 |
| JAN 29, -418 | 11:52 PM | 180 | 12LE35R | 12AQ35 |
| MAY 10, -418 | 04:55 PM | 180 | 14LE30 | 14AQ30 |
| OCT 17, -417 | 01:10 AM | 180 | 13LE37 | 13AQ37R |
| SEP 27, -415 | 11:57 PM | 180 | 16LE16 | 16AQ16R |
| SEP 12, -413 | 04:46 PM | 180 | 18LE57 | 18AQ57R |
| AUG 28, -411 | 08:49 AM | 180 | 21LE38 | 21AQ38R |
| AUG 14, -409 | 05:06 AM | 180 | 24LE18 | 24AQ18R |
| JUL 29, -407 | 03:23 PM | 180 | 26LE55 | 26AQ55R |
| JUL 13, -405 | 09:05 PM | 180 | 29LE27 | 29AQ27R |
| JUN 24, -403 | 06:33 AM | 180 | 01VI52 | 01PI52R |
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| DEC 04, -402 | 00:30 AM | 180 | 00VI58 | 00PI58 |
| FEB 27, -401 | 08:49 AM | 180 | 02VI30R | 02PI30 |
| MAY 25, -401 | 11:27 AM | 180 | 04VI04 | 04PI04 |
| NOV 03, -400 | 04:14 PM | 180 | 03VI11 | 03PI11R |
| OCT 16, -398 | 05:01 AM | 180 | 05VI34 | 05PI34R |
| SEP 29, -396 | 10:15 AM | 180 | 08VI01 | 08PI01R |
| SEP 14, -394 | 01:06 PM | 180 | 10VI28 | 10PI28R |
| AUG 29, -392 | 06:06 PM | 180 | 12VI53 | 12PI53R |
| AUG 14, -390 | 10:57 AM | 180 | 15VI17 | 15PI17R |
| JUL 27, -388 | 07:13 PM | 180 | 17VI36 | 17PI36R |
| JUL 07, -386 | 03:31 PM | 180 | 19VI49 | 19PI49R |
| DEC 16, -385 | 03:57 PM | 180 | 18VI51 | 18PI51 |
| APR 11, -384 | 03:55 AM | 180 | 20VI56R | 20PI56 |
| MAY 26, -384 | 06:16 PM | 180 | 21VI42 | 21PI42 |
| NOV 18, -383 | 11:11 AM | 180 | 20VI57 | 20PI57R |
| OCT 30, -381 | 11:43 PM | 180 | 23VI11 | 23PI11R |
| OCT 13, -379 | 09:05 PM | 180 | 25VI28 | 25PI28R |
| SEP 28, -377 | 01:23 PM | 180 | 27VI46 | 27PI46R |
| SEP 12, -375 | 05:38 AM | 180 | 00LI03 | 00AR03R |
| AUG 27, -373 | 05:50 AM | 180 | 02LI19 | 02AR19R |
| AUG 08, -371 | 01:43 PM | 180 | 04LI31 | 04AR31R |
| JUL 16, -369 | 11:04 PM | 180 | 06LI35 | 06AR35R |
| DEC 25, -368 | 05:38 AM | 180 | 05LI34 | 05AR34 |
| NOV 30, -366 | 01:20 PM | 180 | 07LI36 | 07AR36R |
| NOV 11, -364 | 08:56 AM | 180 | 09LI46 | 09AR46R |
| OCT 26, -362 | 03:02 AM | 180 | 11LI59 | 11AR59R |
| OCT 09, -360 | 11:48 AM | 180 | 14LI14 | 14AR14R |
| SEP 23, -358 | 04:36 PM | 180 | 16LI29 | 16AR29R |
| SEP 05, -356 | 11:14 PM | 180 | 18LI41 | 18AR41R |
| AUG 17, -354 | 10:36 PM | 180 | 20LI48 | 20AR48R |
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| JUL 20, -352 | 04:46 PM | 180 | 22LI46 | 22AR46 |
| JAN 02, -350 | 05:25 PM | 180 | 21LI46 | 21AR46R |
| DEC 11, -349 | 06:23 AM | 180 | 23LI50 | 23AR50R |
| NOV 22, -347 | 11:42 AM | 180 | 26LI01 | 26AR01R |
| NOV 06, -345 | 04:21 AM | 180 | 28LI15 | 28AR15R |
| OCT 20, -343 | 05:37 AM | 180 | 00SC30 | 00TA30R |
| OCT 03, -341 | 10:41 PM | 180 | 02SC45 | 02TA45R |
| SEP 15, -339 | 10:28 AM | 180 | 04SC58 | 04TA58R |
| AUG 25, -337 | 12:53 PM | 180 | 07SC06 | 07TA06R |
| FEB 17, -335 | 03:59 PM | 180 | 06SC14 | 06TA14 |
| MAY 10, -335 | 07:24 PM | 180 | 07SC45R | 07TA45 |
| JUL 14, -335 | 04:32 PM | 180 | 08SC56 | 08TA56 |
| JAN 11, -333 | 07:29 AM | 180 | 08SC07 | 08TA07R |
| DEC 20, -332 | 01:35 PM | 180 | 10SC17 | 10TA17R |
| DEC 03, -330 | 04:04 AM | 180 | 12SC33 | 12TA33R |
| NOV 15, -328 | 09:20 PM | 180 | 14SC53 | 14TA53R |
| OCT 30, -326 | 05:55 PM | 180 | 17SC15 | 17TA15R |
| OCT 13, -324 | 00:58 AM | 180 | 19SC37 | 19TA37R |
| SEP 24, -322 | 02:50 PM | 180 | 21SC57 | 21TA57R |
| AUG 30, -320 | 03:16 PM | 180 | 24SC11 | 24TA11R |
| FEB 18, -318 | 00:26 AM | 180 | 23SC11 | 23TA11 |
| JAN 20, -316 | 11:19 PM | 180 | 25SC22 | 25TA22R |
| DEC 31, -315 | 03:04 PM | 180 | 27SC45 | 27TA45R |
| DEC 14, -313 | 04:23 PM | 180 | 00SA15 | 00GE15R |
| NOV 27, -311 | 12:46 PM | 180 | 02SA49 | 02GE49R |
| NOV 11, -309 | 07:19 AM | 180 | 05SA25 | 05GE25R |
| OCT 24, -307 | 04:29 AM | 180 | 08SA02 | 08GE02R |
| OCT 04, -305 | 12:41 PM | 180 | 10SA35 | 10GE35R |
| SEP 03, -303 | 04:56 AM | 180 | 12SA58 | 12GE58 |
| FEB 25, -301 | 02:40 PM | 180 | 12SA03 | 12GE03R |
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| FEB 01, -299 | 02:24 AM | 180 | 14SA39 | 14GE39R |
| JAN 14, -297 | 00:04 AM | 180 | 17SA26 | 17GE26R |
| DEC 27, -296 | 02:43 PM | 180 | 20SA20 | 20GE20R |
| DEC 11, -294 | 05:42 PM | 180 | 23SA20 | 23GE20R |
| NOV 24, -292 | 03:21 PM | 180 | 26SA23 | 26GE23R |
| NOV 07, -290 | 07:19 AM | 180 | 29SA27 | 29GE27R |
| OCT 16, -288 | 03:06 AM | 180 | 02CP29 | 02CA29R |
| APR 21, -286 | 06:32 AM | 180 | 01CP51 | 01CA51 |
| JUL 21, -286 | 02:34 PM | 180 | 04CP05R | 04CA05 |
| AUG 22, -286 | 10:57 PM | 180 | 04CP52 | 04CA52 |
| MAR 10, -284 | 11:21 AM | 180 | 04CP34 | 04CA34R |
| FEB 17, -282 | 09:55 PM | 180 | 07CP47 | 07CA47R |
| FEB 01, -280 | 02:09 AM | 180 | 11CP14 | 11CA14R |
| JAN 15, -278 | 02:03 PM | 180 | 14CP51 | 14CA51R |
| DEC 31, -277 | 10:44 AM | 180 | 18CP36 | 18CA36R |
| DEC 14, -275 | 11:22 PM | 180 | 22CP27 | 22CA27R |
| NOV 27, -273 | 10:09 PM | 180 | 26CP20 | 26CA20R |
| NOV 04, -271 | 07:02 AM | 180 | 00AQ10 | 00LE10 |
| MAY 01, -269 | 10:20 AM | 180 | 29CP33 | 29CA33 |
| APR 02, -267 | 00:31 AM | 180 | 03AQ22 | 03LE22R |
| MAR 15, -265 | 01:59 AM | 180 | 07AQ38 | 07LE38R |
| FEB 26, -263 | 11:23 PM | 180 | 12AQ10 | 12LE10R |
| FEB 13, -261 | 00:30 AM | 180 | 16AQ54 | 16LE54R |
| JAN 29, -259 | 09:41 AM | 180 | 21AQ48 | 21LE48R |
| JAN 15, -257 | 09:38 AM | 180 | 26AQ47 | 26LE47R |
| DEC 29, -256 | 05:05 PM | 180 | 01PI48 | 01VI48R |
| DEC 07, -254 | 09:28 PM | 180 | 06PI42 | 06VI42 |
| MAY 30, -252 | 12:19 PM | 180 | 06PI24 | 06VI24 |
| MAY 07, -250 | 12:50 PM | 180 | 11PI26 | 11VI26R |
| APR 21, -248 | 01:43 AM | 180 | 16PI48 | 16VI48R |
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| APR 07, -246 | 10:19 PM | 180 | 22PI23 | 22VI23R |
| MAR 25, -244 | 07:19 PM | 180 | 28PI03 | 28VI03R |
| MAR 14, -242 | 00:46 AM | 180 | 03AR45 | 03LI45R |
| FEB 29, -240 | 10:14 PM | 180 | 09AR26 | 09LI26R |
| FEB 15, -238 | 10:36 AM | 180 | 15AR01 | 15LI01R |
| JAN 28, -236 | 05:00 PM | 180 | 20AR23 | 20LI23R |
| JUL 15, -235 | 08:48 AM | 180 | 20AR12 | 20LI12 |
| JUN 23, -233 | 07:59 AM | 180 | 25AR23 | 25LI23R |
| JUN 07, -231 | 04:39 PM | 180 | 00TA43 | 00SC43R |
| MAY 26, -229 | 05:54 AM | 180 | 06TA04 | 06SC04R |
| MAY 13, -227 | 04:33 PM | 180 | 11TA21 | 11SC21R |
| MAY 02, -225 | 09:55 AM | 180 | 16TA33 | 16SC33R |
| APR 19, -223 | 08:16 PM | 180 | 21TA35 | 21SC35R |
| APR 07, -221 | 04:59 AM | 180 | 26TA27 | 26SC27R |
| MAR 21, -219 | 09:06 PM | 180 | 01GE05 | 01SA05R |
| SEP 04, -218 | 03:14 PM | 180 | 00GE43 | 00SA43 |
| NOV 22, -218 | 08:49 AM | 180 | 02GE47R | 02SA47 |
| FEB 25, -217 | 03:32 AM | 180 | 05GE19 | 05SA19 |
| AUG 07, -216 | 10:01 AM | 180 | 04GE52 | 04SA52R |
| JUL 22, -214 | 09:26 AM | 180 | 09GE12 | 09SA12R |
| JUL 08, -212 | 01:18 AM | 180 | 13GE31 | 13SA31R |
| JUN 25, -210 | 05:53 PM | 180 | 17GE47 | 17SA47R |
| JUN 12, -208 | 05:21 PM | 180 | 21GE56 | 21SA56R |
| MAY 31, -206 | 11:19 AM | 180 | 25GE58 | 25SA58R |
| MAY 17, -204 | 08:36 AM | 180 | 29GE50 | 29SA50R |
| MAY 02, -202 | 06:10 AM | 180 | 03CA32 | 03CP32R |
| OCT 31, -201 | 02:34 AM | 180 | 03CA19 | 03CP19 |
| NOV 14, -201 | 00:37 AM | 180 | 03CA37R | 03CP37 |
| APR 10, -200 | 02:37 PM | 180 | 07CA01 | 07CP01 |
| SEP 14, -199 | 06:11 AM | 180 | 06CA16 | 06CP16R |
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| AUG 27, -197 | 02:15 AM | 180 | 09CA42 | 09CP42R |
| AUG 11, -195 | 11:42 AM | 180 | 13CA10 | 13CP10R |
| JUL 29, -193 | 03:31 AM | 180 | 16CA36 | 16CP36R |
| JUL 15, -191 | 04:56 AM | 180 | 19CA59 | 19CP59R |
| JUL 02, -189 | 02:41 AM | 180 | 23CA17 | 23CP17R |
| JUN 17, -187 | 06:59 AM | 180 | 26CA30 | 26CP30R |
| JUN 01, -185 | 05:35 PM | 180 | 29CA35 | 29CP35R |
| MAY 11, -183 | 01:43 PM | 180 | 02LE30 | 02AQ30R |
| OCT 13, -182 | 07:10 PM | 180 | 01LE37 | 01AQ37R |
| SEP 22, -180 | 05:49 PM | 180 | 04LE28 | 04AQ28R |
| SEP 07, -178 | 01:12 AM | 180 | 07LE23 | 07AQ23R |
| AUG 22, -176 | 08:43 PM | 180 | 10LE17 | 10AQ17R |
| AUG 09, -174 | 03:43 AM | 180 | 13LE11 | 13AQ11R |
| JUL 25, -172 | 07:32 AM | 180 | 16LE02 | 16AQ02R |
| JUL 10, -170 | 05:43 PM | 180 | 18LE49 | 18AQ49R |
| JUN 23, -168 | 09:28 AM | 180 | 21LE29 | 21AQ29R |
| JUN 02, -166 | 07:16 AM | 180 | 24LE00 | 24AQ00R |
| NOV 05, -165 | 06:57 AM | 180 | 23LE02 | 23AQ02R |
| OCT 14, -163 | 06:07 AM | 180 | 25LE32 | 25AQ32R |
| SEP 27, -161 | 09:12 PM | 180 | 28LE06 | 28AQ06R |
| SEP 12, -159 | 01:41 AM | 180 | 00VI42 | 00PI42R |
| AUG 28, -157 | 05:02 PM | 180 | 03VI17 | 03PI17R |
| AUG 13, -155 | 03:53 AM | 180 | 05VI49 | 05PI49R |
| JUL 28, -153 | 06:59 PM | 180 | 08VI18 | 08PI18R |
| JUL 10, -151 | 11:39 AM | 180 | 10VI42 | 10PI42R |
| JUN 17, -149 | 10:24 AM | 180 | 12VI58 | 12PI58R |
| NOV 21, -148 | 11:09 AM | 180 | 11VI59 | 11PI59R |
| OCT 31, -146 | 08:26 AM | 180 | 14VI16 | 14PI16R |
| OCT 13, -144 | 02:12 PM | 180 | 16VI37 | 16PI37R |
| SEP 28, -142 | 06:28 AM | 180 | 18VI59 | 18PI59R |
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| SEP 12, -140 | 08:29 AM | 180 | 21VI21 | 21PI21R |
| AUG 28, -138 | 04:11 AM | 180 | 23VI42 | 23PI42R |
| AUG 11, -136 | 00:33 AM | 180 | 26VI01 | 26PI01R |
| JUL 23, -134 | 12:04 PM | 180 | 28VI14 | 28PI14R |
| JAN 20, -132 | 03:34 PM | 180 | 27VI33 | 27PI33 |
| FEB 18, -132 | 04:10 PM | 180 | 28VI03R | 28PI03 |
| JUN 25, -132 | 02:12 PM | 180 | 00LI18 | 00AR18 |
| DEC 04, -131 | 06:18 PM | 180 | 29VI19 | 29PI19R |
| NOV 14, -129 | 04:20 AM | 180 | 01LI28 | 01AR28R |
| OCT 27, -127 | 07:30 AM | 180 | 03LI42 | 03AR42R |
| OCT 11, -125 | 04:20 PM | 180 | 05LI58 | 05AR58R |
| SEP 25, -123 | 07:51 AM | 180 | 08LI14 | 08AR14R |
| SEP 09, -121 | 01:27 PM | 180 | 10LI29 | 10AR29R |
| AUG 22, -119 | 12:45 PM | 180 | 12LI41 | 12AR41R |
| AUG 02, -117 | 06:31 AM | 180 | 14LI47 | 14AR47R |
| JAN 17, -115 | 09:42 AM | 180 | 13LI51 | 13AR51 |
| APR 17, -115 | 07:47 PM | 180 | 15LI26R | 15AR26 |
| JUN 25, -115 | 05:46 AM | 180 | 16LI37 | 16AR37 |
| DEC 15, -114 | 06:30 PM | 180 | 15LI45 | 15AR45R |
| NOV 25, -112 | 00:13 AM | 180 | 17LI53 | 17AR53R |
| NOV 08, -110 | 04:32 AM | 180 | 20LI05 | 20AR05R |
| OCT 22, -108 | 07:35 AM | 180 | 22LI18 | 22AR18R |
| OCT 06, -106 | 12:29 PM | 180 | 24LI32 | 24AR32R |
| SEP 19, -104 | 03:15 AM | 180 | 26LI44 | 26AR44R |
| SEP 01, -102 | 02:25 AM | 180 | 28LI53 | 28AR53R |
| AUG 08, -100 | 04:01 AM | 180 | 00SC57 | 00TA57R |
| AUG 08, -100 | 04:01 AM | 180 | 00SC57 | 00TA57R |
| JAN 21, -98 | 03:10 PM | 180 | 29LI56 | 29AR56 |
| DEC 25, -97 | 06:09 PM | 180 | 01SC57 | 01TA57R |
| DEC 05, -95 | 06:43 PM | 180 | 04SC06 | 04TA06R |
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| NOV 19, -93 | 01:08 AM | 180 | 06SC20 | 06TA20R |
| NOV 02, -91 | 00:28 AM | 180 | 08SC36 | 08TA36R |
| OCT 16, -89 | 09:07 PM | 180 | 10SC53 | 10TA53R |
| SEP 28, -87 | 09:21 PM | 180 | 13SC09 | 13TA09R |
| SEP 09, -85 | 02:01 PM | 180 | 15SC21 | 15TA21R |
| AUG 11, -83 | 10:57 AM | 180 | 17SC24 | 17TA24 |
| JAN 28, -81 | 03:20 AM | 180 | 16SC24 | 16TA24R |
| JAN 03, -79 | 05:33 PM | 180 | 18SC33 | 18TA33R |
| DEC 16, -78 | 12:35 PM | 180 | 20SC51 | 20TA51R |
| NOV 28, -76 | 11:15 PM | 180 | 23SC14 | 23TA14R |
| NOV 12, -74 | 09:05 PM | 180 | 25SC39 | 25TA39R |
| OCT 26, -72 | 11:02 AM | 180 | 28SC05 | 28TA05R |
| OCT 08, -70 | 06:52 PM | 180 | 00SA30 | 00GE30R |
| SEP 16, -68 | 01:18 PM | 180 | 02SA49 | 02GE49R |
| MAR 18, -66 | 00:31 AM | 180 | 02SA00 | 02GE00 |
| JUN 07, -66 | 10:45 AM | 180 | 03SA39R | 03GE39 |
| AUG 02, -66 | 05:14 AM | 180 | 04SA46 | 04GE46 |
| FEB 06, -64 | 00:02 AM | 180 | 04SA03 | 04GE03R |
| JAN 14, -62 | 11:49 PM | 180 | 06SA29 | 06GE29R |
| DEC 28, -61 | 12:59 PM | 180 | 09SA03 | 09GE03R |
| DEC 11, -59 | 06:02 AM | 180 | 11SA43 | 11GE43R |
| NOV 25, -57 | 04:12 AM | 180 | 14SA26 | 14GE26R |
| NOV 07, -55 | 01:52 PM | 180 | 17SA10 | 17GE10R |
| OCT 20, -53 | 05:14 AM | 180 | 19SA53 | 19GE53R |
| SEP 24, -51 | 10:38 PM | 180 | 22SA31 | 22GE31 |
| MAR 19, -49 | 00:30 AM | 180 | 21SA36 | 21GE36 |
| FEB 17, -47 | 10:38 AM | 180 | 24SA13 | 24GE13R |
| JAN 29, -45 | 05:34 AM | 180 | 27SA06 | 27GE06R |
| JAN 11, -43 | 01:46 PM | 180 | 00CP08 | 00CA08R |
| DEC 26, -42 | 07:01 PM | 180 | 03CP19 | 03CA19R |
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| DEC 10, -40 | 01:05 AM | 180 | 06CP34 | 06CA34R |
| NOV 23, -38 | 01:30 PM | 180 | 09CP53 | 09CA53R |
| NOV 03, -36 | 02:33 PM | 180 | 13CP11 | 13CA11R |
| OCT 05, -34 | 02:54 AM | 180 | 16CP18 | 16CA18 |
| MAR 30, -32 | 11:17 PM | 180 | 15CP32 | 15CA32 |
| MAR 07, -30 | 04:04 PM | 180 | 18CP55 | 18CA55R |
| FEB 18, -28 | 05:47 AM | 180 | 22CP35 | 22CA35R |
| FEB 01, -26 | 06:18 PM | 180 | 26CP29 | 26CA29R |
| JAN 18, -24 | 00:07 AM | 180 | 00AQ32 | 00LE32R |
| JAN 02, -22 | 04:55 AM | 180 | 04AQ43 | 04LE43R |
| DEC 17, -21 | 10:41 AM | 180 | 08AQ58 | 08LE58R |
| NOV 27, -19 | 12:02 PM | 180 | 13AQ13 | 13LE13R |
| JUN 18, -17 | 06:37 AM | 180 | 13AQ20 | 13LE20 |
| JUL 18, -17 | 10:31 PM | 180 | 14AQ14R | 14LE14 |
| OCT 21, -17 | 07:16 PM | 180 | 17AQ06 | 17LE06 |
| APR 24, -15 | 10:57 AM | 180 | 16AQ49 | 16LE49R |
| APR 04, -13 | 08:48 PM | 180 | 21AQ21 | 21LE21R |
| MAR 19, -11 | 12:57 PM | 180 | 26AQ11 | 26LE11R |
| MAR 05, -9 | 07:18 PM | 180 | 01PI15 | 01VI15R |
| FEB 19, -7 | 05:32 PM | 180 | 06PI28 | 06VI28R |
| FEB 06, -5 | 04:18 PM | 180 | 11PI47 | 11VI47R |
| JAN 22, -3 | 04:53 PM | 180 | 17PI09 | 17VI09R |
| JAN 05, -1 | 03:28 PM | 180 | 22PI28 | 22VI28R |
| JUL 08, 0 | 07:34 PM | 180 | 22PI34 | 22VI34 |
| SEP 14, 0 | 07:33 PM | 180 | 24PI45R | 24VI45 |
| DEC 02, 0 | 03:13 PM | 180 | 27PI21 | 27VI21 |
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